

04/00
0280 0400OPE #2
1/10/2002Serial Number: 10/017,472CRF Processing Date:
Edited by:
Verified by:

Changed a file from non-ASCII to ASCII

ENTERED

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included:

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/username at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically:

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:

Other:

corrected L1607 and L1707 numeric identifiers

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,472

DATE: 01/10/2002
TIME: 10:05:01

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01102002\J017472.raw

```

5 <110> APPLICANT: RAJAGOPAL, RAMESH
7      MHASHILKAR, ABNER
9      SCHROCK, BOB
11     CHADA, SUNIL
15 <120> TITLE OF INVENTION: METHODS FOR TREATING DISEASES BY INHIBITION OF
16     ANGIOGENESIS USING HUMAN MDA-7
20 <130> FILE REFERENCE: INGN:097US
C--> 24 <140> CURRENT APPLICATION NUMBER: US/10/017,472
26 <141> CURRENT FILING DATE: 2001-12-07
30 <150> PRIOR APPLICATION NUMBER: 60/254,226
32 <151> PRIOR FILING DATE: 2000-12-07
36 <160> NUMBER OF SEQ ID NOS: 2
40 <170> SOFTWARE: PatentIn Ver. 2.0
44 <210> SEQ ID NO: 1
46 <211> LENGTH: 718
48 <212> TYPE: DNA
50 <213> ORGANISM: Human
54 <400> SEQUENCE: 1
56 acaagacatg actgtgatga ggagctgctt tcgccaattt aacaccaaga agaattgagg 60
58 ctgcttggga ggaaggccag gaggaacacg agactgagag atgaattttc aacagaggct 120
60 gcaaaggctg tggacttttag ccagaccctt ctgccttcct ttgctggcga cagcctctca 180
62 aatgcagatg gttgtgctcc cttgcctggg ttttaccctg ctctctgga gccaggtatc 240
64 agggggcccaag ggccaagaat tccactttgg gcccctgccaa gtgaaggggg ttgttccccca 300
66 gaaactgtgg gaagcccttct gggctgtgaa agacactatg caagctcagg ataacatcac 360
68 gagtgcccg aggaggttct gcagaacgtc tcggatgctg agagctgtta 420
70 ccttgtccac accctgctgg agttctactt gaaaactgtt ttcaaaaact accacaatag 480
72 aacagttgaa gtcaggactc tgaagtcat tctactctg gccaacaact ttgttctcat 540
74 cgtgtcacaa ctgcaacccca gtcaagaaaa tgagatgttt tccatcagag acagtgcaca 600
76 caggcgggaaa ctgcttattcc ggagagcatt caaacagttt gacgtagaag cagctctgac 660
78 caaaggccctt gggaaagtgg acattcttct gacctggatg cagaaattct acaagctc 718
82 <210> SEQ ID NO: 2
84 <211> LENGTH: 206
86 <212> TYPE: PRT
88 <213> ORGANISM: Human
92 <400> SEQUENCE: 2
94 Met Asn Phe Gln Gln Arg Leu Gln Ser Leu Trp Thr Leu Ala Arg Pro
96      1           5           10          15
100 Phe Cys Pro Pro Leu Leu Ala Thr Ala Ser Gln Met Gln Met Val Val
102      20          25          30
106 Leu Pro Cys Leu Gly Phe Thr Leu Leu Leu Trp Ser Gln Val Ser Gly
108      35          40          45
112 Ala Gln Gly Gln Glu Phe His Phe Gly Pro Cys Gln Val Lys Gly Val
114      50          55          60
118 Val Pro Gln Lys Leu Trp Glu Ala Phe Trp Ala Val Lys Asp Thr Met
120      65          70          75          80
124 Gln Ala Gln Asp Asn Ile Thr Ser Ala Arg Leu Leu Gln Gln Glu Val
126      85          90          95

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/017,472

DATE: 01/10/2002
TIME: 10:05:01

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01102002\J017472.raw

130 Leu Gln Asn Val Ser Asp Ala Glu Ser Cys Tyr Leu Val His Thr Leu
132 100 105 110
136 Leu Glu Phe Tyr Leu Lys Thr Val Phe Lys Asn Tyr His Asn Arg Thr
138 115 120 125
142 Val Glu Val Arg Thr Leu Lys Ser Phe Ser Thr Leu Ala Asn Asn Phe
144 130 135 140
148 Val Leu Ile Val Ser Gln Leu Gln Pro Ser Gln Glu Asn Glu Met Phe
150 145 150 155 160
154 Ser Ile Arg Asp Ser Ala His Arg Arg Phe Leu Leu Phe Arg Arg Ala
156 165 170 175
160 Phe Lys Gln Leu Asp Val Glu Ala Ala Leu Thr Lys Ala Leu Gly Glu
162 180 185 190
166 Val Asp Ile Leu Leu Thr Trp Met Gln Lys Phe Tyr Lys Leu
168 195 200 205

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/017,472

DATE: 01/10/2002

TIME: 10:05:02

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01102002\J017472.raw

L:24 M:270 C: Current Application Number differs, Replaced Current Application Number